

Summary of DAT Conference Call 7/10/2007

Participants: EChappell (DWR), JSpeegle(FWS), RGartz(DFG), JSnow(WWD), THinojosa(DWR), MGuerin(CCWD), TSwanson(BI), LKimm(KCWA), TBoardman(SLDMWA), MFord(DWR), PManza(BR), EGleason(DFG), PJohnsen(FWS), FFeyrer(DWR), JWhite(DFG), VPoage(FWS), ADVorak(SWC), KCrosby(BR)

Conclusions and Recommendations

There were no new operational recommendations today.

20mm Survey Update – DFG completed the final survey, Survey 9, last week. DFG is still processing samples but have caught 17 delta smelt. Seven were caught near Collinsville and ten were caught near Decker Island. DFG has caught a total of approximately 115 larval delta smelt so far this season. The results from the 20mm surveys are posted at <http://www.delta.dfg.ca.gov/data/20mm/>.

DSWG Update – The DSWG met yesterday, 7/9, and reviewed the latest PTM results, monitoring data, delta conditions and salvage data. Two PTM runs were conducted to assess the entrainment of particles from the confluence. The first run used combined exports of 5,500cfs and second run used combined exports of 11,000cfs. At the higher export level there was little entrainment of particles. Salvage of delta smelt has also decreased. Therefore, the DSWG will withdraw last week's recommendation that the Projects operate to a net upstream Old and Middle flows not to exceed 5000cfs. The DSWG will continue to monitor Old and Middle flows and will meet again if salvage increases.

Next DAT Conference Call Tuesday, 7/17/2007, 9:00 am - 11:00 am. Phone number – 916/657-4111.

Delta Smelt Monitoring

Summer Tow Net Survey Update – DFG started Survey 3 yesterday, 7/9. So far, no delta smelt have been caught. DFG caught 10 delta smelt in Survey 2 for a season total of 20.

20mm Survey Update – 20mm Survey Update – DFG completed the final survey, Survey 9, last week. DFG is still processing samples but have caught 17 delta smelt. Seven were caught near Collinsville and ten were caught near Decker Island. DFG has caught a total of approximately 115 larval delta smelt so far this season. The results from the 20mm surveys are posted at <http://www.delta.dfg.ca.gov/data/20mm/>.

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Chinook Monitoring

Upper Sacramento River Summary – Chinook were caught in low numbers in the GCID rotary screw trap last week.

Delta Monitoring Summary - Sampling is still suspended at Chipps Island to protect delta smelt. Fry/smolt Chinook were only caught in the Sacramento River trawl. No steelhead were caught in the last week. One delta smelt (44mm) was caught in the Mossdale trawl.

Salvage Facilities –

Summary – Delta smelt and splittail were salvaged at both Facilities in the last week. No Chinook or steelhead were salvaged.

Chinook – None.

Steelhead – None.

Delta smelt – SWP salvaged 391 delta smelt for a season total of 2,297. The majority of the salvage (311) occurred on July 2nd.

Splittail – SWP salvaged 58 splittail for a season total of 370. CVP salvaged 132 splittail for a season total of 636. The salvage of splittail is much lower than last year.

Longfin smelt – None.

Sturgeon – None.

Tina Swanson (BI) asked about the effect of increased pumping on the screen efficiency at SWP. Currently the SWP is pumping between 6:00am and 10:00pm every day. Russ Gartz (DFG) responded that the approach velocity must be maintained as close to 1.0 ft/sec as possible to meet the striped bass operational criterion under D-1485. Tina requested the velocity data for the last week.

The DFG Salvage Database can be accessed at this ftp site:
<ftp://ftp.delta.dfg.ca.gov/salvage/>.

Turbidity data for Clifton Court forebay is available at:
<http://cdec2.water.ca.gov/cgi-progs/queryFx?CLC>.

Agricultural Barriers

HORB – The barrier has been completely removed.

Ag barriers –The barriers are operating tidally.

The weekly updates on barrier operations are now available at:

http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm.

Operations

SWP -

CCFB – 6,000 cfs.

Oroville – 6,500 cfs.

E/I - 3-day = 52.2%.

San Luis - ~320 taf. SWP share of San Luis capacity is 1,062 taf.

EWA - The current debt for SWP is approximately 320 to 330taf. The current debt in San Luis for CVP is approximately 90 to 100taf. EWA assets have not been used since June 15th. Tom Boardman (SLDMWA) requested information on the EWA pay-back schedule. He noted that there are concerns about low point in San Luis if not enough EWA water is acquired. Laura Kimm (KCWA) responded that at this time Kern has not committed to providing EWA water before low point. The operators are estimating that approximately 75taf of EWA water may be acquired from the Yuba transfer in San Luis by the end of September.

CVP -

Tracy PP – 4,400 cfs.

DCC – Open.

Trinity – 450 cfs.

Clear Creek – 150 cfs.

Keswick – 15,000 cfs.

Nimbus – 3,500 cfs.

Goodwin – 350 cfs. Release will be increased to 400cfs tomorrow, 7/11, to help meet Vernalis water quality objectives.

San Luis – 124 taf. CVP share of San Luis capacity is 966 taf.

Flows

Sacramento River at Freeport ~ 17,300 cfs.

Fremont Weir ~ 0.

San Joaquin River at Vernalis ~ 1,045 cfs.

Delta Outflow ~ 4,100 cfs. The 7-day average is 5,523 cfs.

Old and Middle Rivers ~ combined -9,120 cfs as of 7/7/07; 5-day average is -9,460 cfs.

DSWG 3-station average temperature ~ 24.4C

Delta Water Quality

Water quality is okay except at the Old River near Tracy station in the south Delta.

July Water Quality Standards

Delta Outflow – monthly average $\geq 5,000\text{cfs}$ and 7-day average $\geq 4,000\text{cfs}$.

E/I Ratio – $\leq 65\%$.

Contra Costa Canal – $\text{Cl} \leq 250 \text{ mg/L}$. In addition, $\text{Cl} \leq 150 \text{ mg/L}$ for 165 days per year. This portion of the standard has been met for the year.

Western Delta – EC at Emmaton must be less than or equal to 1.67 and at Jersey Point it must be less than or equal to 1.35. The San Andreas station is 0.58. The objective at Mokelumne River at Terminous remains 0.45 EC or less through August 15.

South Delta – 30-day average EC ≤ 0.7 until the end of August.

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